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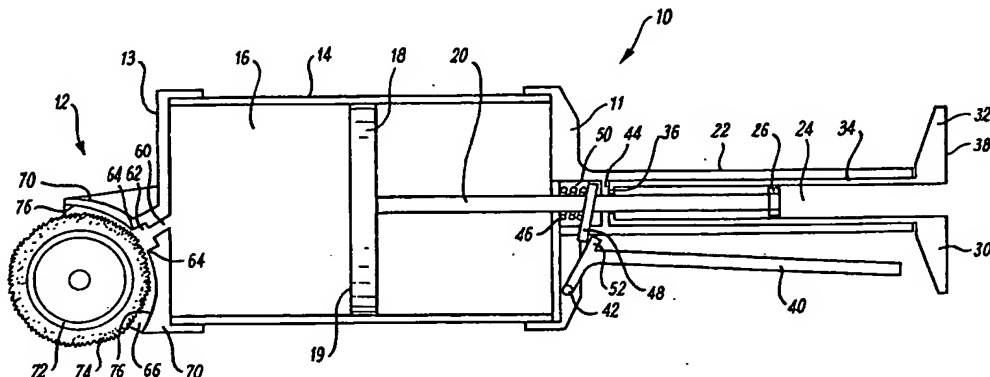
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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: APPLICATOR



(57) Abstract: An applicator is provided in which paint flow is facilitated utilising a grip pump bias (18, 20, 40) to a paint distributor such as roller (72). The roller (72) is configured within a head (12) such that paint is appropriately distributed with limited leakage in order to allow easy operation for distributing paint upon a surface. The application also includes details of a number of refinements with respect to operation of the applicator at elevated or displaced positions, filling paint containers or canisters and providing greater paint flow control.

INTERNATIONAL SEARCH REPORT

Application No
PCT/GB 03/02304

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B05C17/035 B05C17/01

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B05C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CH 480 198 A (TECHNOVALOR) 31 October 1969 (1969-10-31)	1-9, 11-15, 28-31, 51-53
Y		10, 16-19, 21,26
A	column 2, line 3 - column 3, line 11 column 3, line 64 - column 4, line 22; figures	73
X	DE 296 06 843 U (HOFMANN HEINZ) 8 August 1996 (1996-08-08)	1,30-33, 53,54,71
Y	page 1, last paragraph; claims; figures	56,57
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

In Application No
PCT/GB 03/02304

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	WO 02/28547 A (WILEY LIEN L) 11 April 2002 (2002-04-11) page 7, line 8 - page 8, line 16 page 11, line 3 - line 14; figures -----	1-7,11, 24,25, 29,33, 34,53, 73-75 23
X	EP 0 224 472 A (POWER FLO PRODUCTS) 3 June 1987 (1987-06-03) page 8, line 9 - line 18; figures -----	1-3,5, 27-30, 33,37, 52,53, 58,70
X	US 3 231 151 A (CLARK WILLIAM R ET AL) 25 January 1966 (1966-01-25) column 3, line 50 - column 4, line 2 column 5, line 40 - column 6, line 7; figures -----	1-3,5, 27,29, 30,33, 34, 51-53, 55,58,70
X Y A	US 2 898 618 A (ALLEN WHITFIELD WILLIAM ET AL) 11 August 1959 (1959-08-11) column 2, line 34 - line 51; figures -----	67 26 17-19,21
X A	US 2 824 326 A (AMES ROBERT G) 25 February 1958 (1958-02-25) column 3, line 36 - line 47 column 4, line 6 - line 9; figures -----	1-3,24, 53 73,74
X A	GB 2 309 183 A (BLACK & DECKER INC) 23 July 1997 (1997-07-23) page 6, line 32 - line 35; figures -----	67 26
Y A	FR 1 092 653 A (A. ROCHE) 26 April 1955 (1955-04-26) page 1, right-hand column, line 5 - line 13; figures -----	10 20
Y A	US 2 488 655 A (BENNETT ONA A) 22 November 1949 (1949-11-22) column 2, line 12 - column 3, line 44; figures -----	16-19,21 4-7, 11-15,73
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INTERNATIONAL SEARCH REPORT

Application No
PCT/GB 03/02304

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GB 1 118 355 A (DOW CHEMICAL CO) 3 July 1968 (1968-07-03) claims; figures	56,57
A	<p>-----</p> <p>US 3 441 355 A (BROWN ROGER S) 29 April 1969 (1969-04-29)</p> <p>column 2, line 57 - line 64 column 3, line 31 - line 55; figures</p> <p>-----</p>	<p>1-9,11, 12,17, 18,21, 22,67</p>

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB 03/02304

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-34, 37, 51-58, 67, 70, 71, 73-75

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International Application No. PCT/GB 03/02304

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-34, 37, 51-58, 67, 70, 71, 73-75

An applicator for applying paint to a surface, the applicator including a body for paint, paint distribution means to distribute paint in use onto a surface by contact with that surface as well as

A method of applying paint to a surface, the method comprising the use of such an applicator.

2. claims: 35, 36, 38-50, 68, 69

An applicator having a paint biasing means including a plunger, which is movable to act on the paint in the body of the paint container such that as the plunger advances, the bias on the paint forces flow to the paint distribution means.

3. claims: 59-66

Pouring apparatus for a paint can, the apparatus including a pouring member having an engaging means engageable in use with a portion of the rim of a paint can, the pouring member including a concave pouring surface.

4. claim: 72

A paint distribution insert for an applicator of paint comprising a groove network of varying cross-section.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Application No

PCT/AB 03/02304

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CH 480198	A	31-10-1969	NONE	
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